Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111842.D
Acq On : 4 Jan 2019 14:05
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/4/2019 4:43:08 PM

Quant Time: Jan 04 15:06:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	224781	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	830792	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	433914	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	851253	20.00	ng		0.00
76) Chrysene-d12	14.07	240	698436	20.00	ng		0.02
87) Perylene-d12	15.54	264	549641	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1049955	79.62	ng		0.01
7) Phenol-d6	6.54	99	1343921	80.08	ng		0.02
23) Nitrobenzene-d5	7.46	82	1254072	87.86	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	473266	92.31	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2317583	77.85	ng		0.00
79) Terphenyl-d14	13.01	244	2767308	75.14	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	232139	37.415	ng		97
3) Pyridine	3.46	79	623865	38.595	ng		99
4) n-Nitrosodimethylamine	3.40	42	289084	36.543	ng		89
6) Aniline	6.56	93	831296	38.859	ng		96
8) 2-Chlorophenol	6.69	128	606711	41.532	ng		96
9) Benzaldehyde	6.45	77	383099	33.190	ng		97
10) Phenol	6.56	94	742218	39.196	ng	#	67
11) bis(2-Chloroethyl)ether	6.63	93	581598	40.987	ng		97
12) 1,3-Dichlorobenzene	6.84	146	700408	41.373	ng		99
13) 1,4-Dichlorobenzene	6.92	146	699005	40.713	ng		97
14) 1,2-Dichlorobenzene	7.07	146	650251	40.594	ng		98
15) Benzyl Alcohol	7.04	79	534498	40.101	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	962696	36.837	ng		89
17) 2-Methylphenol	7.16	107	471834	40.338	ng	#	94
18) Hexachloroethane	7.41	117	242877	41.979	ng	#	90
19) n-Nitroso-di-n-propylamine	7.31	70	425572	38.183	ng		99
20) 3+4-Methylphenols	7.31	107	577846	39.096	ng		97
22) Acetophenone	7.30	105	825760	39.234	ng	#	94
24) Nitrobenzene	7.48	77	643685	43.029	ng		97
25) Isophorone	7.72	82	1023125	40.378	ng		99
26) 2-Nitrophenol	7.79	139	326553	53.825	ng		92
27) 2,4-Dimethylphenol	7.84	122	467308	39.074	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	689970	40.920	ng		99
29) 2,4-Dichlorophenol	8.05	162	537111	41.754	ng		95
30) 1,2,4-Trichlorobenzene	8.12	180	588606	41.061	ng		98
31) Naphthalene	8.20	128	1625278	40.715	ng		97
32) Benzoic acid	7.96	122	276639	34.984	ng		94
33) 4-Chloroaniline	8.25	127	718487	41.643	ng		97
34) Hexachlorobutadiene	8.32	225	362294	41.469	ng		96
35) Caprolactam	8.62	113	189389	43.449	ng		92
36) 4-Chloro-3-methylphenol	8.74	107	529770	41.896	ng		97
37) 2-Methylnaphthalene	8.89	142	1077790	41.500	ng		99
38) 1-Methylnaphthalene	8.99	142	1036580	41.558	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	583284	40.908	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	333214	48.159	ng		98
43) 2,4,6-Trichlorophenol	9.17	196	394878	41.480	ng		99
44) 2,4,5-Trichlorophenol	9.22	196	415992	42.595	ng		94
46) 1,1'-Biphenyl	9.36	154	1482182	40.465	ng		97
47) 2-Chloronaphthalene	9.39	162	1173823	40.448	ng		94
48) 2-Nitroaniline	9.47	65	370722	49.104	ng		97
49) Acenaphthylene	9.80	152	1728187	40.786	ng		97
50) Dimethylphthalate	9.66	163	1337445	42.150	ng		98
51) 2,6-Dinitrotoluene	9.72	165	313374	49.529	ng		96
52) Acenaphthene	9.97	154	1110100	42.478	ng		98
53) 3-Nitroaniline	9.89	138	345851	51.254	ng		97
54) 2,4-Dinitrophenol	9.99	184	140991	70.401	ng	#	81
55) Dibenzofuran	10.15	168	1610770	40.797	ng		95
56) 4-Nitrophenol	10.06	139	256062	49.724	ng		97
57) 2,4-Dinitrotoluene	10.12	165	412457	54.240	ng	#	96
58) Fluorene	10.49	166	1175654	41.323	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	363861	44.272	ng	#	87
60) Diethylphthalate	10.35	149	1295237	41.613	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	664766	42.292	ng		94
62) 4-Nitroaniline	10.50	138	337883	51.519	ng		94
63) Azobenzene	10.64	77	1257739	40.250	ng		93
65) 4,6-Dinitro-2-methylphenol	10.53	198	223135	61.273	ng	#	77
66) n-Nitrosodiphenylamine	10.59	169	1153147	40.355	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	437059	41.395	ng		96
68) Hexachlorobenzene	11.04	284	494901	42.040	ng		94
69) Atrazine	11.12	200	404942	40.792	ng		95
70) Pentachlorophenol	11.23	266	352112	48.382	ng		96
71) Phenanthrene	11.45	178	1802225	39.921	ng		96
72) Anthracene	11.50	178	1824364	40.261	ng		96
73) Carbazole	11.66	167	1782178	40.510	ng		95
74) Di-n-butylphthalate	11.98	149	2033668	41.229	ng		97
75) Fluoranthene	12.64	202	1878281	41.086	ng		95
77) Benzidine	12.75	184	912029	34.702	ng		100
78) Pyrene	12.87	202	1928160	39.093	ng		97
80) Butylbenzylphthalate	13.47	149	863338	42.942	ng		94
81) Benzo(a)anthracene	14.06	228	1659672	41.638	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	649867	41.265	ng	#	97
83) Chrysene	14.09	228	1559922	39.819	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1159211	45.775	ng	#	99
85) Di-n-octyl phthalate	14.65	149	1747434	44.536	ng		95
86) Indeno(1,2,3-cd)pyrene	17.05	276	1160031	34.832	ng	#	88
88) Benzo(b)fluoranthene	15.11	252	1375499	42.819	ng	#	97
89) Benzo(k)fluoranthene	15.14	252	1279770m	41.847	ng		
90) Benzo(a)pyrene	15.49	252	1226935	42.041	ng	#	95
91) Dibenzo(a,h)anthracene	17.07	278	973086	38.077	ng	#	92
92) Benzo(g,h,i)perylene	17.51	276	949700	38.057	ng	#	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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